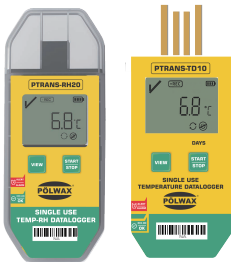


PTRANS SERIES

Single-Use Temperature &
Humidity Data Logger

(PTRANS TD10/T20/RH20)



1、Activation Record

Manual activation:

LCD display this character is waiting for manual start state, at this time you need to long press the START button for 3 seconds in order to start the record, long press the START button process, the screen will flash the character of go.




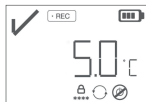
Startup delay:

If the logger is configured with a startup delay, then after startup, the LCD will display the countdown time, as exemplified below (10m means 10 minutes of countdown time)



Note: In the startup delay, days are d, hours are h, minutes are m.

When the logger officially enters the logging state, the LCD will display the icon  as shown below:



2、Over Limit Alarm

The recording process displays an X alarm icon if the temperature exceeds the alarm threshold and the alarm interval number, which is displayed as follows:



Note: When the logger sounds an alarm, the alarm remains even if the ambient temperature returns to the original zone.

3、View Recorded Data

To view the currently recorded statistics during recording, tap the VIEW button to toggle the statistics, which are displayed as follows:



Maximum temperature



Minimum temperature



Average temperatures



Current temperature

4、 Stop Recording

If the stop button is not prohibited, the recording can be stopped by long-pressing the STOP button, long-pressing the button for 3 seconds displays “Stop” and blinks, and after 3 seconds “Stop” is displayed, the button can be released, and the device is in the state of stopping operation at this time. The display is as follows:



5、 Download Recorded Reports

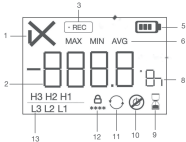
When the recorder is plugged into the USB port of the computer, the recorder displays "PdF" to indicate that PDF generation has started. Then the progress of the generation is displayed. The first two digits of the four-digit number are the number of pages currently generated, and the last two digits are the total number of pages that need to be generated. If the two are consistent, it means that PDF generation is complete and the report can be read.



Once the report is generated, to the point where the screen displays USB, the report can be read, at which point a POLWAX removable disk icon will be displayed on the computer desktop.



6、 LCD Screen



- 1—Alarm status
- 2—Temperature values, system information
- 3—Record Status
- 5—battery indicator
- 6—Statistical information, maximum temperature, minimum temperature, average temperature
- 8—Temperature in °C/F, time in d,h,m
- 9—Startup delay marker
- 10—Disable Push Button Stop Function
- 11—Repeat start, long press the START button after a round of recording to restart recording
- Note: You need to plug in the computer to read the report before restarting, otherwise it will keep showing Stop
- 12—Password protection, you need to enter the password when configuring to configure successfully
- 13—alarm intervals (H3, H2, H1, L3, L2, L1). If an interval is exceeded, the number of the interval is displayed

7.Product Parameters

Indicator	Green (Recording, OK) , Red (Alarm)	
Battery life	Up to 2 years (1 year storage / 1 year useful life) @25°C, 5 minutes logging interval	
Operation Temperature	-30°C~70°C	(0~100%RH)
Measurement Accuracy	±0.5°C	(±3%RH@20~80%RH, ±4%RH@other)
Resolution	0.1°C	(0.1%RH)
Alarm Limit	Up to 4 individually programmable alarm limits (Alarm threshold and over-temperature trigger time can be customized according to customer needs)	
Logging Interval	1 minute ~24 hours optional(Default 5 minutes)	
Memory Space	Up to 33,000 points	
Start Delay	0 minute ~24 hours optional (Default 10 minutes)	
Start Mode	Manual start	
Report Format	PDF/CSV/PDF&CSV(Optional, configured before leaving the factory)	
IP Grade	IP65(RH20) IP67(TD10)	
Battery Type	3.0V CR2450(RH20) 3.0V CR2032(TD10)	
Connection	USB2.0	